



DATA SHEET

Article number : 09980400

fuse-switch-disconnector **Tytan II Do-63-3/B**

Empty housing for track mounting without fuse plug and fuse



Function

Fuse-switch-disconnectors combine the fuse protection of system parts with switching capability under load as well as when in overload. Tytan II series devices are main fuse switch-disconnectors for Do1 and Do2 fuses. Simultaneous isolation of all phases is ensured by the screwcap-less plug-in technology. In contrast to the earlier screwcap technology, in which perfect contact could not be guaranteed, the mechanics of the series prevent the formation of high transitional resistances and therefore minimise thermal dissipation power. Disconnectors of this design are equipped with a 40 mm adaptor for power rail mounting and are delivered with fittings for fuses up to 63 A.

Features

low current heat losses, suitable for fuses Do1 and Do2, finger and back-of-hand proof, large clamping area

Mounting

quick fastening to mounting rail , Einbaulage aufrecht auf der Tragschiene

Applications

The components are suitable for use in power supplies to residential and purpose-built buildings as well as industrial facilities.

Notes

All empty housings are supplied with fitted cartridges that can accept fuse plugs up to 63 A. These are not included in the scope of delivery. Fuse plugs and fuses are available in our fuse plug sets.

Accessories

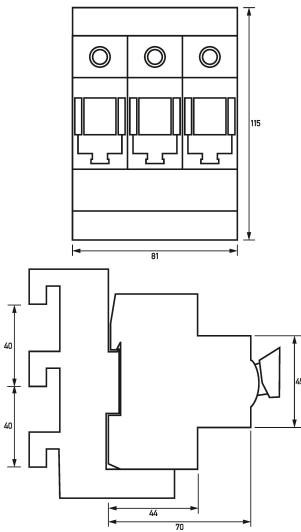
fuse plug sets DSE, restart locks Tytan WES, wiring components Do busbar can be cut to length, input terminals DK

Technical data

Series	Tytan
Number of poles	3
Device type	plug-type technology without screw caps, similar to NH technology
Suitable for fuses	Do1: 1 A*, 2 A, 4 A, 6 A, 10 A, 13 A, 16 A (* – not standardised) Do2: 20 A, 25 A, 32 A, 35 A, 40 A, 50 A, 63 A
	load circuit
Specification	switching contact
Rated voltage (AC)	400 V
Rated current (AC)	2 A ... 63 A
Rated short-circuit current	50 kA
Rated insulation voltage	690 V
Rated impulse withstand voltage	6 kV
Allowed utilization category	AC-22b, DC-21b
Overvoltage class	IV
	screw-type terminal top, bottom (load circuit)
Protection against direct contact	finger and back-of-hand proof
Allowed types of wires	copper conductor
Cross section solid	1-wire: 1.5 mm ² ... 35 mm ²
Connecting capacity flexible	1-wire: 1.5 mm ² ... 35 mm ² ; 2-wire: 1.5 mm ² ... 16 mm ²
Cross section flexible with ferrule	6 mm ² ... 35 mm ²
Cross section stranded	1-wire: 1.5 mm ² ... 35 mm ²
Tightening torque	max. 3 Nm
	Do2 (fuse mounting)

	General data
Electrical endurance	min. 1500 switching cycles
Storage temperature	-40 °C ... 70 °C
Ambient temperature	-25 °C ... 40 °C
Housing type	distribution board housing
Installation type	power rail mounting
Housing material	thermoplastic
Protection class	IP20C (behind front panel with inserted fuse plugs)
sealable	true
Width	81 mm
Height	86 mm
Depth	70 mm
Module widths	4.5
Weight	0.506 kg
Design requirements/Standards	EN 60947-3
Fire class/creep resistance	Vo, glow wire test 960° / CTI 600
Degree of pollution	3

Dimensions



Dimensioned drawing fuse-switch-disconnector Tytan II Do-63-3/B